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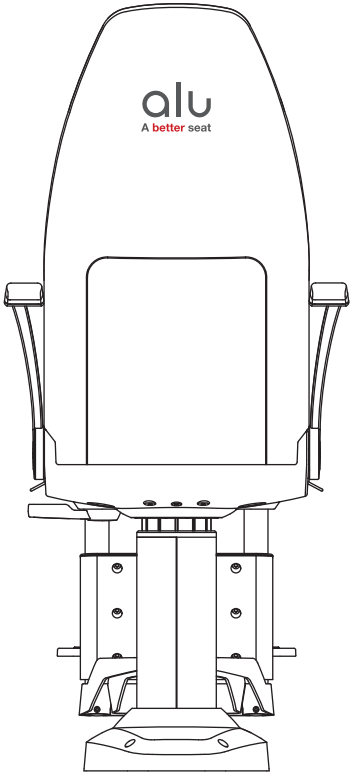

Store product inside in a protected environment. Handle with care.
Install as per instructions. Warranty invalid if not installed as per installation manual.

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Revision G | Specifications can be changed at any time | Please contact us for updated specifications before ordering

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SURFACE MOUNTED DECKRAIL

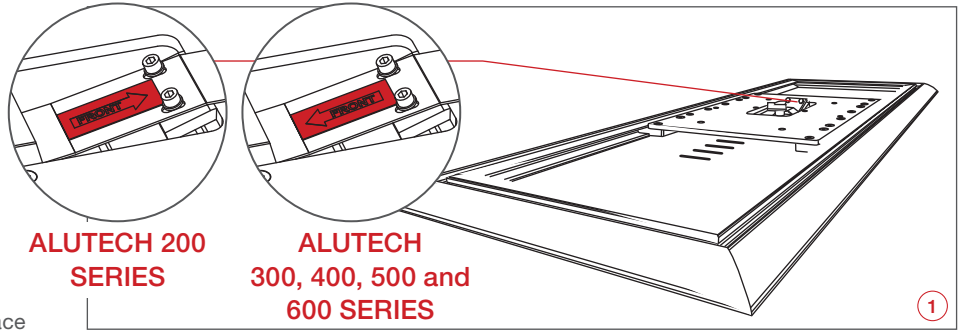
NOTE: Alutech 200 and 300, 400, 500 and 600 series chairs are mounted on to the surface mounted deckrails facing different directions. Please pay special attention to the indicator sticker.

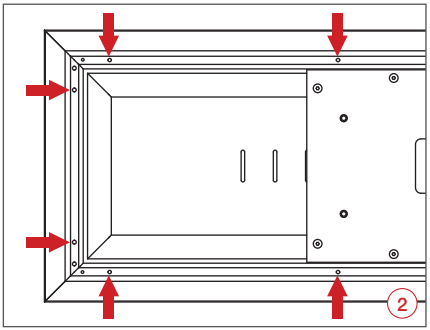
The deckrail is fastened to the deck using fasteners suitable to the deck material.

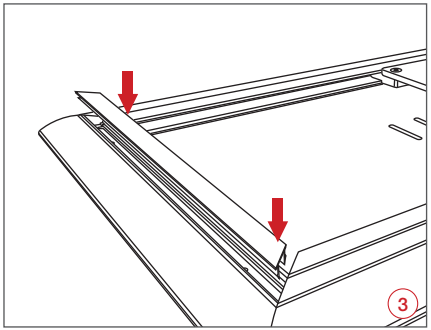
1. The deckrail needs a unobstructed flat surface to be mounted on. There is an indicator sticker to show the front of the deckrail.
2. Fasten the deckrail to the deck surface using the pre-drilled holes in the deckrail profile. Depending on the deck construction, more holes can be drilled in the deckrail profile.
3. For the Alutech 3200 / 3400 and 3300 / 3500 series: Snap in the plastic profile to cover the fastening screws.

NOTE: Fasteners from deckrail to deck not included.

NOTE: Ensure the deck rails are solidly fixed to the deck construction.







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FLUSH MOUNTED DECKRAIL

NOTE: All Alu Design flush mounted deckrails have the same mounting procedure.

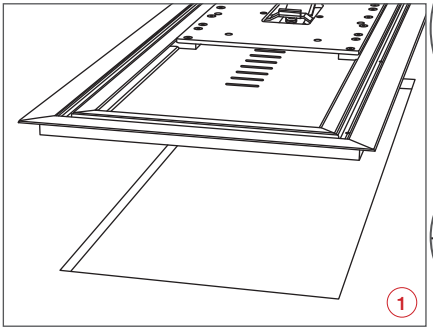
The deckrail is fastened to the deck using fasteners suitable to the deck material.

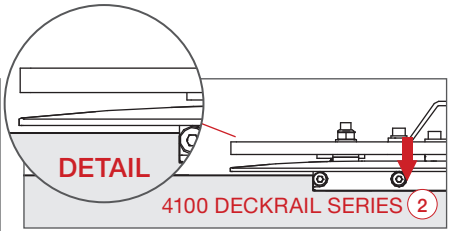
There is an indicator sticker to show the front of the deckrail.

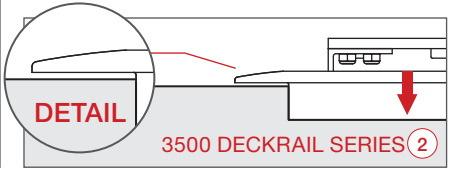
1. The deckrail is mounted into a recess in the deck.
2. The deckrail must ONLY rest on the bottom of the cut our as indicated by the red arrows. The deckrail must not be supported by the flanges.
3. Fasten the deckrail to the deck surface using the pre-drilled holes in the deckrail profile. If required, more holes can be drilled in the deckrail profile.
4. Snap in the plastic profile to cover the fastening screws (plastic profile only for Alutech 3300 / 3500 and 3300 / 3500 series).

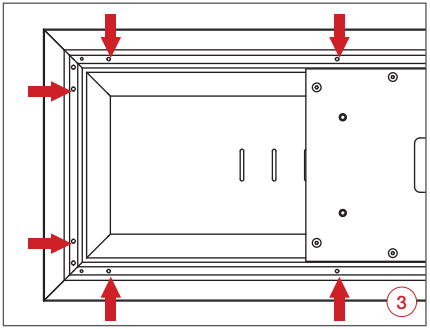
NOTE: Fasteners from deckrail to deck not included.

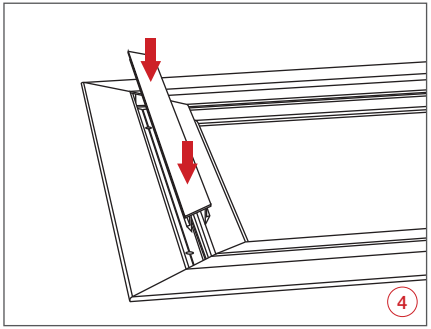
NOTE: Ensure the deck rails are solidly fixed to the deck construction.











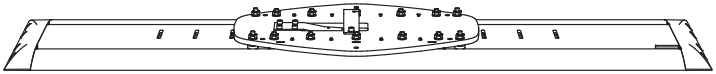
DECKRAIL COMPONENTS

All deckrails have the same type of components.

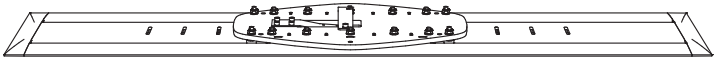
1 Deckrail with wagon
2 Brake cable
Alutech 200 - The brake cable is already installed on the chair
Alutech 500 - Brake cable supplied
The locking screws need a 10 mm spanner to adjust the brake cable
3 Connecting bolts
Alutech 200 - M8 x 35 - Flat head (hex screw)
The bolts are to be tightened with a 5 mm Umbraco Key
4 Connecting bolts
Alutech 300, 400, 500 and 600
- M10 x 50 - Socket head (hex screw)
The bolts are to be tightened with a 8 mm Umbraco Key
5 Snap-in plastic cover profile

NOTE: Fasteners from deckrail to deck not included.
For Alutech 4000 / 4100 use M6 Flat head (hex screw)

NOTE: It is advised to have two people working together when connecting the chair to the deckrail.



ALUTECH 4000 SERIES



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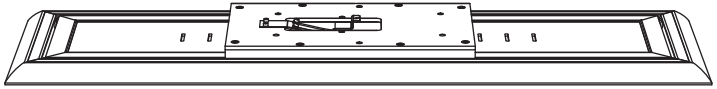
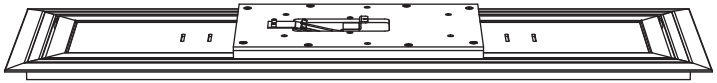
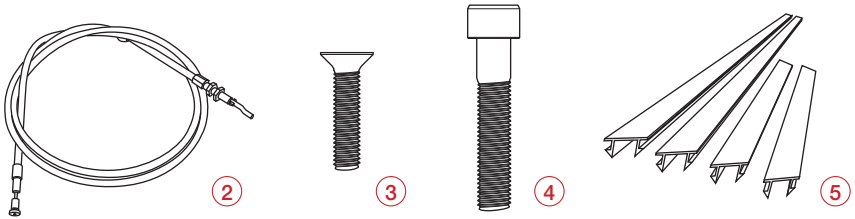


ALUTECH 3400 SERIES



ALUTECH 3500 SERIES



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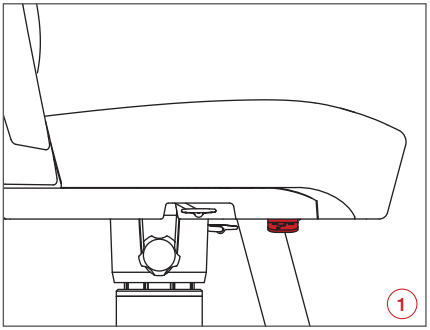
PROCEDURE

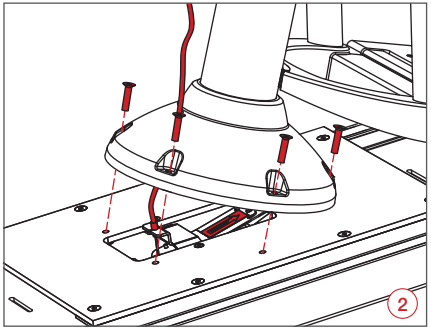
The chair is mounted onto the deckrail wagon. The movement of the wagon is controlled by a brake mechanism.

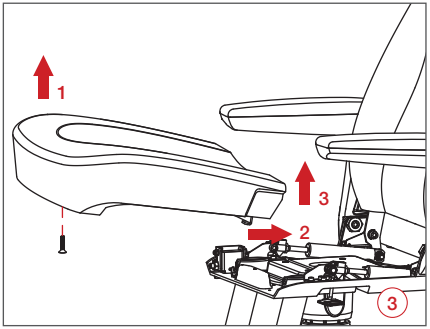
1. The brake mechanism is controlled by a lever mounted under the right side of the seat frame.
2. The brake cable must be connected to the brake mechanism on the deckrail wagon before the chair is mounted onto the wagon.
3. After the chair is mounted to the wagon, remove the seat cushion. Remove the screw underneath the front of the seat cushion. Lift up the front of the cushion then push and lift up the back of the cushion.
4. The brake cable can then be adjusted and tightened with a 10 mm spanner.

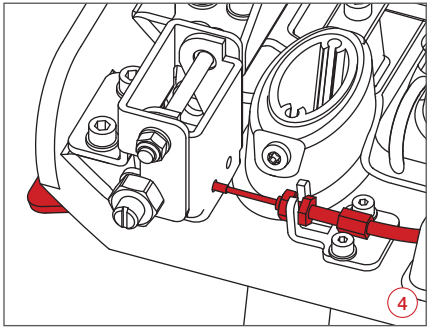
NOTE: For instructions on using the deckrail brake, see “User Manual 200 Series”.

NOTE: DO NOT bend the brake cable.









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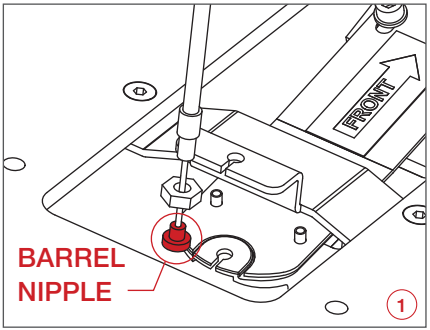
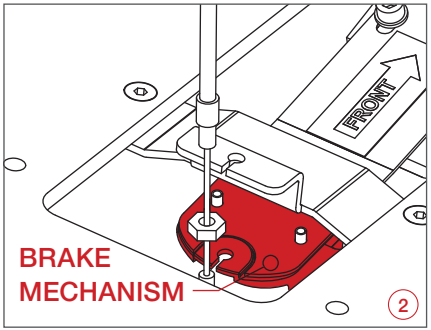
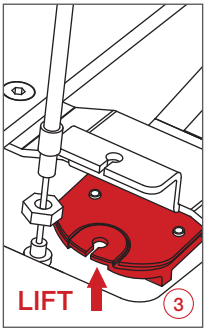
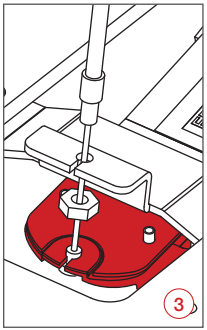
ATTACHING THE BRAKE CABLE TO THE BRAKE MECHANISM

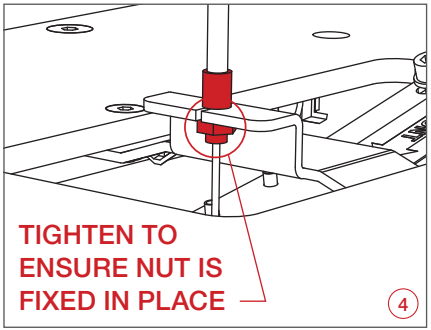
1. Identify the brake cable. Find the end with the barrel nipple.
2. Identify the brake mechanism on the deckrail wagon.
3. Engage the barrel nipple in the plastic brake component. The plastic component is mounted on an arm, this arm should be raised to allow the barrel nipple to be fitted under the plastic component and pulled up into its hole.
   Please ensure that the nipple is inserted correctly - some force may be necessary in order to do this.
4. Push the end of the brake cable outer sleeve into the aluminium bracket. Tighten the nut under the aluminium bracket to hold the cable in place.











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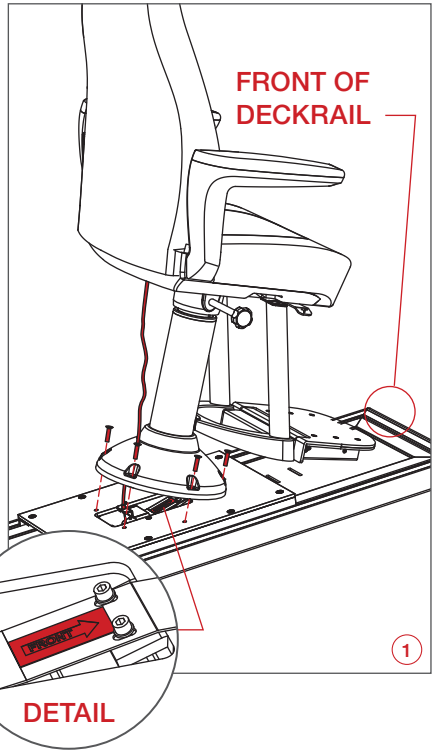
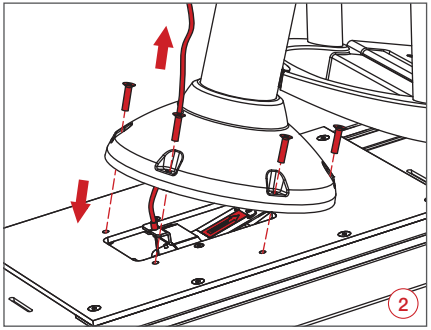
ATTACHING THE CHAIR TO THE DECKRAIL

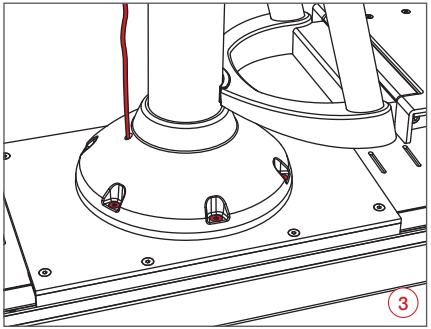
1. Orientate the chair relative to the deckrail. There is an indicator sticker to show the front of the deckrail and the chair.
2. Feed the deckrail brake cable through the column foot and attach cable (see Page 5). Lift the chair above the deckrail and lower slowly down on to the deckrail wagon. Make sure that the brake cable is not bent.

   Locate and place the chair using the bolt holes as guides. Pull gently up on the brake cable as the chair is lowered into place.

   DO NOT slide the chair on the wagon as the brake cable can become damaged.
3. Fasten the chair on to the deckrail wagon with the bolts provided.







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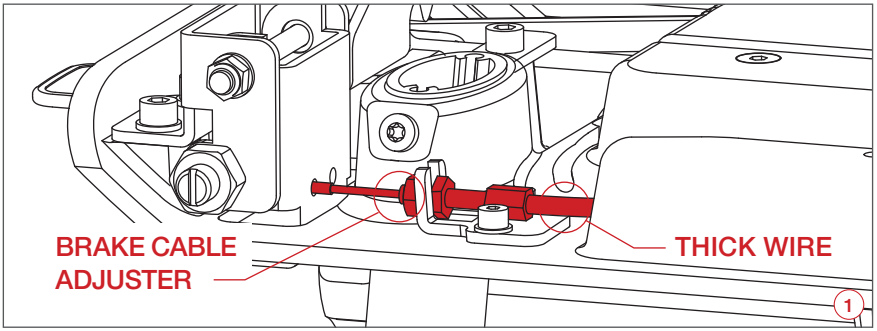
ADJUSTING THE BRAKE CABLE TO THE BRAKE HANDLE

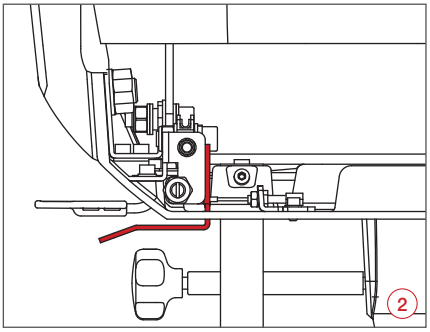
1. Remove the seat cushion (see Page 6, Fig 3).

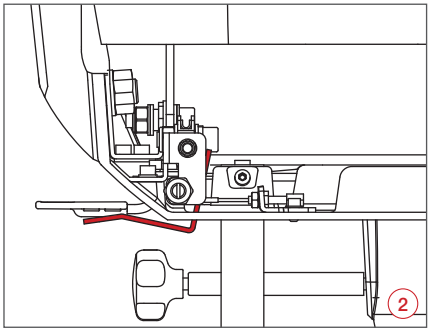
   Tension the brake cable using the brake cable adjuster until the deckrail brake mechanism releases and the chair can be moved on the deckrail. The nuts are to be tightened with a 10 mm spanner.

2. When the brake lever is moved downwards the deckrail brake mechanism should engage and lock the chair in position on the deckrail.

   Replace the seat cushion.







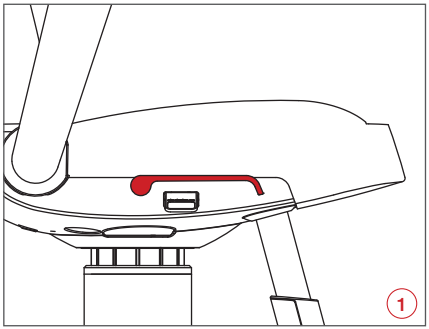
PROCEDURE

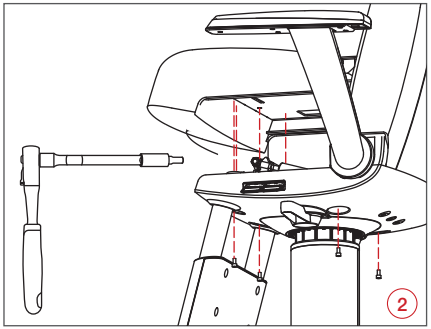
The chair is mounted onto the deckrail wagon. The movement of the wagon is controlled by a brake mechanism.

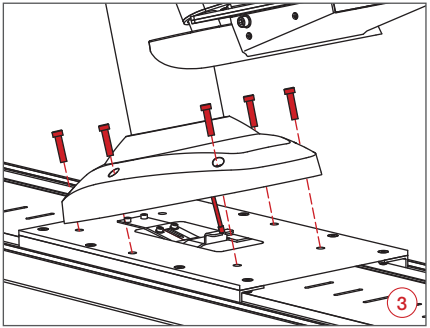
1. The brake mechanism is controlled by a handle mounted on the side of the seat frame.
2. Use an Umbraco key to remove the four M6 screws. Recline the backrest. Grip the seat cushion at the front and back edge. Lift the front edge of the seat cushion 30 mm. Push the seat cushion back towards the rear of the chair. Lift the back edge of the seat cushion. Remove the seat cushion.
3. Connect the brake cable to the deckrail brake.
4. Route the cable through the column.
5. Attach the chair to the deckrail.
6. Attach the brake cable to the brake handle.

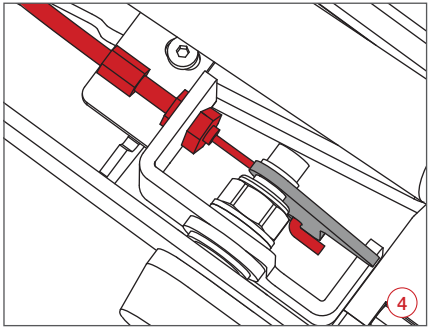
NOTE: For instructions on using the deckrail brake, see “User Manual 300, 400, 500 and 600 Series”.

NOTE: DO NOT bend the brake cable.







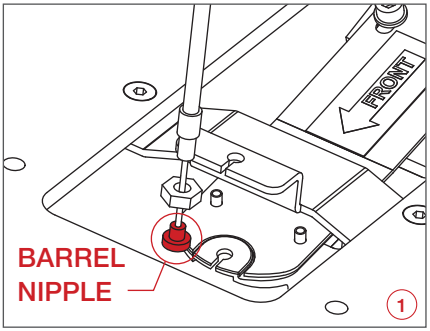


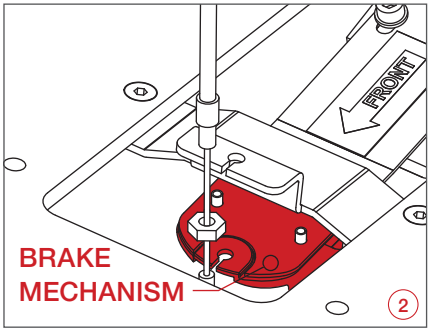
ATTACHING THE BRAKE CABLE TO THE BRAKE MECHANISM

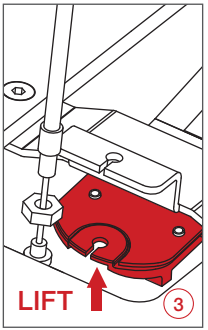
1. Identify the brake cable. Find the end with the barrel nipple.
2. Identify the brake mechanism on the deckrail wagon.
3. Engage the barrel nipple in the plastic brake component. The plastic component is mounted on an arm, this arm should be raised to allow the barrel nipple to be fitted under the plastic component and pulled up into its hole.

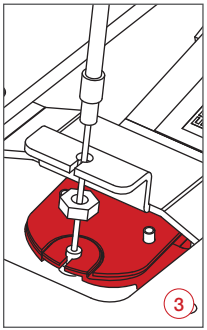
IMPORTANT: Please ensure that the nipple is inserted correctly - some force may be necessary in order to do this.

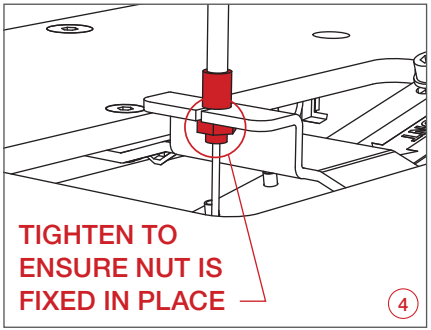
4. Push the end of the brake cable outer sleeve into the aluminium bracket. Tighten the nut under the aluminium bracket to hold the cable in place.











ROUTING THE DECKRAIL BRAKE CABLE IN THE COLUMN

1. Remove the seat cushion (see Page 10, Fig 2). Ensure the chair is in its lowest position. Place the chair near the deckrail. Orientate the chair relative to the deckrail (see Page 12).

2. Gain access to the underside of the chair column.

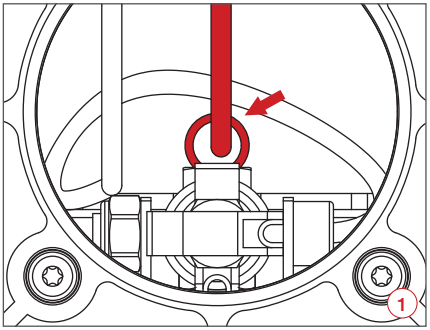
   Feed the deckrail brake cable into the plastic tube mounted in the column. The cable will appear at the top of the column.

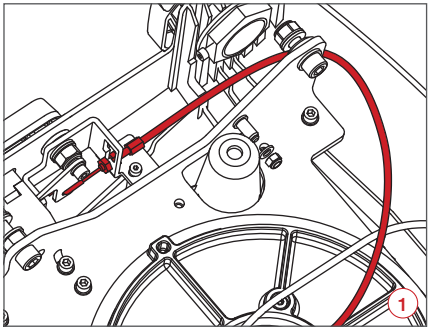
   Allow the cable to lie freely on the chair.

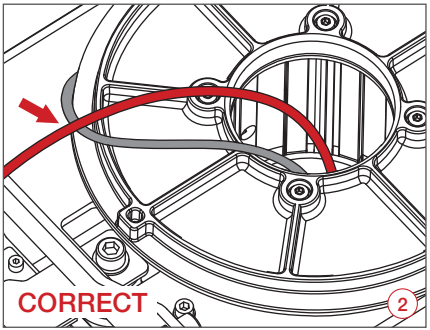
   Fix the chair to the deck rail by using the delivered bolts.

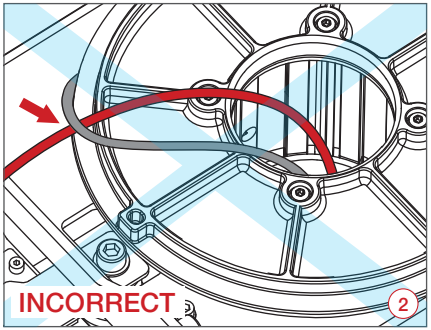
DO NOT route the brake cable under other cables!

DO NOT remove any of the cables already connected. These are installed and tested from the factory and already 100% functional.









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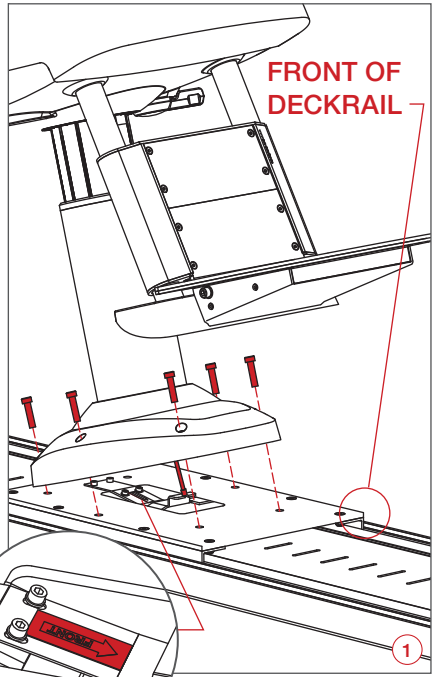
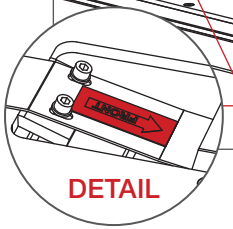
ATTACHING THE CHAIR TO THE DECKRAIL

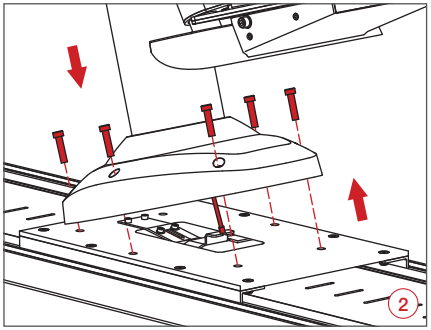
1. Orientate the chair relative to the deckrail as indicated below. There is an indicator sticker to show the front of the deckrail and the chair.
2. Ensure the chair is in its lowest position. Lift the chair above the deckrail and lower slowly down onto the deckrail wagon. Place the chair directly in place using the bolt holes as guides. Pull gently up on the brake cable as the chair is lowered into place. Make sure that the brake cable is not bent.

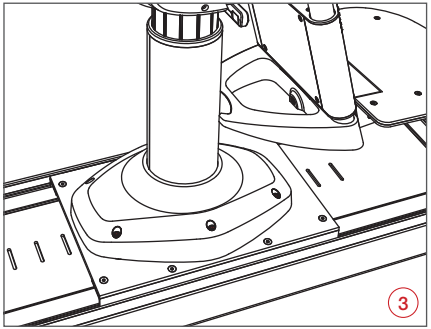
   DO NOT slide the chair on the wagon as the brake cable can become damaged.

   DO NOT make sharp bends of the brake cable as it can become damaged.
3. Fasten the chair on to the deckrail wagon with the bolts provided.









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ATTACHING THE BRAKE CABLE TO THE BRAKE HANDLE

1. Route the brake cable to the brake mechanism.
2. Ensure the chair is in lowest position before connecting the release cable to the mechanism.
3. Enter the thick wire end of the brake cable into the brake lever and enter the outer cable adjuster into the brake cable bracket.
4. To ensure the correct tension in the cable, check to see if the deckrail can be locked and unlocked by using the lever. If the deckrail can be locked and unlocked, tighten the nuts with a 10 mm spanner.

   Before installing the seat cushion, lift the chair to its highest position to assure that the release cable moves freely.

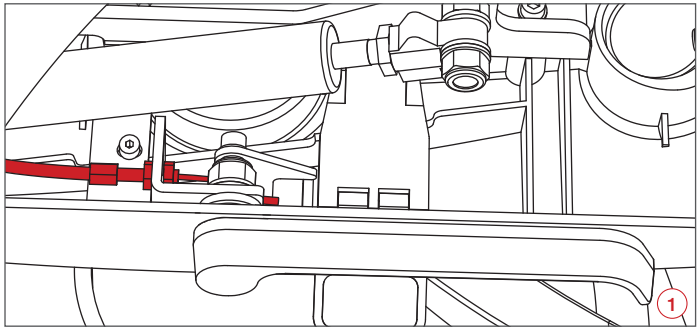
   For details on adjusting and operating the deckrail brake, see “User Manual 300 / 400 / 500 and 600 Series”.

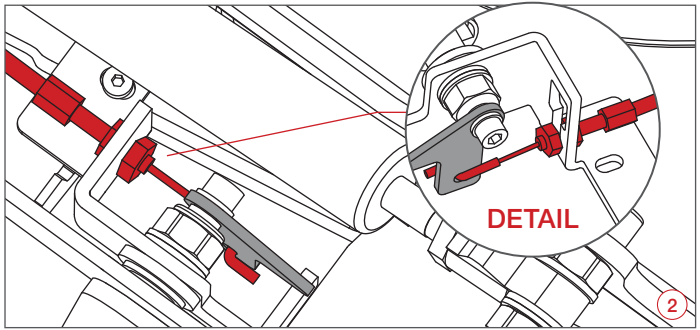
NOTE: Assembly shown without chair in DETAIL image.

DO NOT enter complete wire end through the brake lever.

Attach the brake cable to the brake mechanism ONLY as shown (see Fig 2).

Replace the seat cushion.





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